



U.S. Army Corps of Engineers
Engineer Research and Development Center
Environmental Laboratory

Cultural Resources Management

Description of Program

The Center for Cultural Site Preservation Technology (CCSPT) consolidates administrative, technological, and research skills at the Environmental Laboratory (EL) and other ERDC laboratories in support of applied scientific and engineering research in archaeological site protection and preservation. The CCSPT at EL includes a core group of archaeologists, geologists, geomorphologists, geophysicists, and geographers. Technical Cultural Resource Management (CRM) support to the Corps of Engineers, Army, other DOD departments, and other Federal and state government agencies is available in the following areas: Site Preservation Technology, Regional Site Evaluation Modeling, Geophysical Prospection, Geoarchaeology, Geospatial Data Analysis Applications, Non-Destructive Burial Detection, Native American Consultation Support, Archaeological Site Evaluation for National Register Status, CRM Database Evaluation, Geomorphological Applications in Site Location Modeling and Preservation, Global Positioning System Applications, and Curation Needs Assessment.

Benefits

The Center for Cultural Site Preservation Technology at EL serves as a major source of interdisciplinary technical expertise for the U.S. Army's CRM activities at both its military installations and Civil Works projects. It is also an information clearinghouse on a wide variety of CRM technologies, and can provide direct technical assistance to other Federal and state agencies seeking answers to cultural site protection and preservation questions.

Accomplishments

Major accomplishments include the internationally known Archeological Site Protection and Preservation Notebook, a massive compendium of research briefs dealing with diverse topics such as archaeological site burial, structural stabilization of cultural sites, soil and rock stabilization, vegetative stabilization, camouflage and diversionary tactics, site surveillance, stabilization of architectural resources, signing, faunal and floral control, and the mitigation of inundation impacts. In addition to site preservation, the CCSPT has produced major research and technology transfer products in the areas of geophysical prospection, geomorphological analyses in support of archaeological predictive modeling and evaluation, and spatial (GIS) database management. A detailed description of these research projects appears on the CCSPT's Web site at <http://www.wes.army.mil/el/ccspt/publications.html>.

Points of Contact

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